

**GROUNDWATER MONITORING REPORT ANNUAL EVENT
JANUARY/FEBRUARY 2001**

BRC Former C-6 Facility
Los Angeles, California

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TMW-9-W-051000

where:

TMW-9 indicates the groundwater monitoring well number
W indicates the type of sample where:

W = standard water sample
D = duplicate sample
R = equipment rinsate sample
B = travel blank sample

051001 = date the sample was collected (mmddyy)

For example, TMW-9-W-051000 is a sample that was collected from temporary groundwater monitoring well TMW-9, and is a standard water sample collected on 10 May 2000.

4.0 MONITORING AND SAMPLING RESULTS

4.1 Groundwater Level Monitoring

Field sheets for the data collected by TEM are included in Appendix A and a summary of the groundwater elevations for the 2001 Annual event is presented in Table 2.

During the 2001 Annual event, groundwater elevations below the Site were generally 13 to 15 feet below MSL, or approximately 64 to 70 feet bgs. Groundwater elevations are approximately 0.8 foot below their highest levels measured in July 1999.

Figure 3 is a groundwater elevation map of the MBFB generated using the data collected during the 2001 Annual event. The hydraulic gradient in the MBFB was measured to be approximately 0.0011 ft/ft (1.1 feet in 1,000 feet) to the south. The gradient has decreased by approximately 0.0002 ft/ft (2.0 feet in 10,000 feet) from the July 1999 groundwater sampling event when the gradient was 0.0013 ft/ft (1.3 feet in 1,000 feet) to the south.

Historic groundwater levels are presented in Table 3 and hydrographs for the wells are included as Figures 4a through 4d. The low gradient is demonstrated in the hydrographs by the extremely close proximity of the hydrographs from individual wells.

4.2 Groundwater Quality

4.2.1 VOC Results

Results of VOC analysis by EPA Method 8260B for the 2001 Annual event conducted in January and February 2001 are summarized in Table 4. There were no indications of dense non-aqueous phase liquid (DNAPL) within any of the sampled wells. General plume geometries for Trichloroethene (TCE), 1,1-Dichloroethene (1,1-DCE), Tetrachloroethene (PCE), 1,1,1-



Final



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